

## MILITARY SPECIFICATION SHEET

## MICROPHONE M-94B/A

This amendment forms part of MIL-M-26542/7A, dated 29 March 1985, and is approved for use by all Departments and Agencies of the Department of Defense.

MIL-M-26542/7A remains inactive for new design.

## PAGE 3

FIGURE 2: Delete notes 2 and 3 and substitute:

- “2. Material: Inner sleeve: Beryllium copper, Alloy 25, in accordance with ASTM B 196/B 196M.  
Outer sleeve: H02 (Half-hard) brass, in accordance with ASTM B 36/B 36M.  
3. Finish: (Outer sleeve only)  
Tin, .0002 inch minimum, in accordance with ASTM B 545, B 339.”

## PAGE 5

FIGURE 4: Add the following table:

“

Frequency points	300 Hz	500 Hz	2,000 Hz	2,500 Hz	3,000 Hz	4,000 Hz
Upper limits (dB)	49.0	54.0	54.0	56.2 <u>1/</u>	58.0	54.0
Lower limits(dB)	44.0	47.0	47.0	47.0	45.1 <u>1/</u>	42.0

1/ dB limits between key break point are calculated.”

## PAGE 6

REQUIREMENTS: Delete the last sentence and substitute:

“The microphone assembly shall be tested in accordance with the tests listed in table I. The requirement for qualification and group C testing are deleted and replaced by First Article test (see table I).”

MIL-PRF-26542/7A  
AMENDMENT 1

PAGE 7

TABLE I: Delete and substitute:

"TABLE I. Parameter applicability.

Inspection	First article	Group A	Group B
<u>Group I</u>			
Visual and mechanical inspection	X	X	
Sensitivity at ground level	X	X	
Sensitivity at altitude	X		
Frequency response at ground level	X	X	
Frequency response at altitude			
Impedance	X	X	
Noise cancellation characteristics			
Effect of external magnetic field			
Stray magnetic field	X		X
Linearity	X		X
Talk-out			
Dielectric withstanding voltage			
Signal-to-noise	X		
Distortion	X		
Interchangeability			
<u>Group II</u>			
Thermal shock	X		
Humidity	X		
Drop	X		
Pressure equalization	X		
Explosive decompression	N/A		
Salt fog	X		
<u>Group III</u>			
Vibration	X		
Bounce	N/A		
Altitude	X		
Moisture barrier seal	X		
Immersion	N/A		

“

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5965-0366)

Review activities:

Army - AR, AT, AV, CR4  
Navy - AS, OS  
Air Force - 99